



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 00-1123-H)

In application of:

Cunningham et al.

Serial No. 10/058,626

Filed: January 28, 2002

For: Optical Detection of Label-Free  
Biomolecular Interactions Using  
Microreplicated Plastic Sensor Elements

Examiner: Chin

Group Art Unit: 1641

Conf. No. 4870

FIFTH INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-99, the applicants wish to make the following references of record in the above-identified application. Required copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

The Office has waived the requirement under 37 C.F.R. §1.98 (a)(2)(iii) for submitting a copy of the pending U.S. application that is stored in the USPTO IFW system. In accordance with this waiver, cited U.S. patent application publication marked with "\*" are not enclosed.

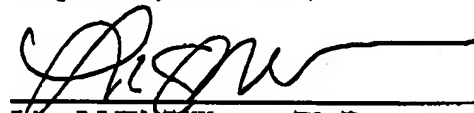
In judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently present claims. This statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. §§102 or 103.

Applicants do not believe any fee is due with this submission. If this belief is in error and the Patent Office determines that the fee prescribed in the relevant portion of 37 C.F.R. §1.97 is applicable, the undersigned attorney by his signature hereby authorizes any such fee to be debited from Deposit Account 13-2490.

Respectfully submitted,

Date: 10/15/04

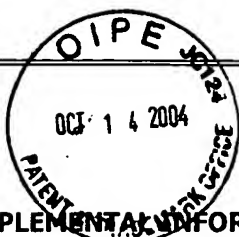
By:



Lisa M.W. Hillman, Ph.D  
Reg. No. 43,673

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**FORM PTO-1449**  
(Rev. 2-32)



**U.S. Department of Commerce**  
**Patent and Trademark Office**

**Atty. Docket No.**

00-1123-H

**Serial No.**

10/058,626

**FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

**Applicant:**

Cunningham, et al.

**Filing Date:**

January 28, 2002

**Group:**

1641

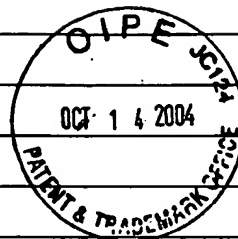
**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	4,289,371	9/15/81	Kramer	350	3.71	5/31/79
	2.	6,748,138 B2	6/8/04	Wang, et al.	385	37	9/14/01
	3.	6,215,928 B1	4/10/01	Friesem, et al.	385	37	5/7/97
	4.	6,661,952 B2	12/9/03	Simpson, et al.	385	37	5/4/01
	5.	4,882,288	11/21/89	North, et al.	436	525	9/16/85
	6.	6,449,097 B1	9/10/02	Zhu, et al.	359	576	6/5/00
	7.	6,707,561 B1	3/16/04	Budach, et al.	356	521	7/5/00
	8.	4,240,751	12/23/80	Linnecke, et al.	356	409	11/9/78
	9.	6,128,431	10/3/00	Siminovitch	385	147	10/8/98
	10.	6,200,737 B1	3/12/01	Walt, et al.	430	320	8/24/95
	11.	6,146,593	11/14/00	Pinkel, et al.	422	68.1	7/24/97
	12.	5,768,461	6/16/98	Svetkoff, et al.	385	116	4/28/97
	13.	6,185,019 B1	2/6/01	Hobbs, et al.	359	30	5/14/99
	14.	US 2003/0210396 A1	11/13/03	Hobbs et al.	356	416	10/30/01

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).**

	15.	U.S. Serial No. 09/929,957, filed August 15, 2001*
	16.	U.S. Serial No. 09/930,352, filed August 15, 2001*
	17.	U.S. Serial No. 10/415,037 filed October 23, 2001*
	18.	U.S. Serial No. 10/399,940, filed October 23, 2001*

	19.	U.S. Serial No. 10/059,060, filed January 28, 2002*
	20.	U.S. Serial No. 10/201,818, filed July 23, 2002*
	21.	U.S. Serial No. 10/237,641, filed September 9, 2002*
	22.	U.S. Serial No. 10/277,908, filed August 26, 2002*
	23.	U.S. Serial No. 10/233,730, filed September 3, 2002*
	24.	U.S. Serial No. 10/180,374, filed June 26, 2002*
	25.	U.S. Serial No. 10/180,647, filed June 26, 2002*
	26.	U.S. Serial No. 10/253,846, filed September 25, 2002*
	27.	U.S. Serial No. 10/196,058, filed July 15, 2002*
	28.	U.S. Serial No. 10/667,696, filed September 22, 2003*
EXAMINER		DATE CONSIDERED



EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.